M. A. R. 57 (Rule 116)
Measurement Book

No. B 1034

Date

BR-326/30-8-14

No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency.....

of commencement of work.....

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
Name of work:- Desilting of Drains and Berm Cutting in Ward No. 11						
Work Code No:- 011-13-000028 Estimated Cost Rs. 5 Lakhs						
Work order No:- EE/BCP/BBMP/E-Part/132/13-14 Date: 18-9-13						
Name of Agency:- K. Sudhakareddy. 2/71 10th Cross 13th Main E Block Sahakar Nagar. B-92.						

Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by Manual Means in ordinary soil involving an average Horizontal throw up to 2 metres & an average lift up to 0.5m excavated surface levelled & sides neatly dressed the disposed earth to be levelled neatly after breaking clods etc. complete as per Specifications						
	Deviation of Drain						
	Srinidhi Layout Main Road RHS						
		1	30.00	0.60	$\frac{0.35+0.30}{2}$	5.85	
		1	30.00	0.60	$\frac{0.35+0.35}{2}$	6.30	
		1	30.00	0.60	$\frac{0.35+0.45}{2}$	7.20	
		1	32.20	0.60	$\frac{0.30+0.35}{2}$	6.28	
	Srinidhi Layout Main Rd LHS	1	30.00	0.60	$\frac{0.45+0.40}{2}$	7.65	
						C/F	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191034

Reference to last Measurement 8

al No. .....

ne of work ..... From ..... To .....

ne of Contractor of nature of Agency.....

: of commencement of work.....

Full description, etc, of work. 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1	30.00	0.60	$\frac{0.40+0.35}{2}$	= 6.75	
	1	30.00	0.60	$\frac{0.40+0.30}{2}$	= 6.30	
	1	30.00	0.60	$\frac{0.30+0.35}{2}$	= 5.85	
	1	32.20	0.60	$\frac{0.35+0.45}{2}$	= 7.73	
	1	30.00	0.45	$\frac{0.35+0.45}{2}$	= 5.40	
	1	30.00	0.45	$\frac{0.45+0.40}{2}$	= 5.74	
	1	21.50	0.45	$\frac{0.40+0.35}{2}$	= 3.63	
	1	30.00	0.45	$\frac{0.35+0.40}{2}$	= 5.06	

C&FC

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Naidu layout	1	30.00	0.45	$\frac{0.40+0.40}{2}$	= 5.40	C&Fc
		1	21.50	0.45	$\frac{0.40+0.30}{2}$	= 3.39	
		1	30.00	0.45	$\frac{0.30+0.35}{2}$	= 4.39	
		1	30.00	0.45	$\frac{0.35+0.45}{2}$	= 5.40	
		1	20.00	0.45	$\frac{0.45+0.40}{2}$	= 3.83	
		1	30.00	0.45	$\frac{0.45+0.40}{2}$	= 5.74	
		1	30.00	0.45	$\frac{0.40+0.35}{2}$	= 5.06	
		1	32.20	0.45	$\frac{0.35+0.40}{2}$	= 5.43	
		1	30.00	0.45	$\frac{0.40+0.40}{2}$	= 5.40	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191035

Reference to last Measurement 8

Measurement No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
					1×30.00×0.45×(0.40+0.30)/2 = 4.73	C&FC
					1×32.20×0.45×(0.30+0.35)/2 = 4.71	
					1×30.00×0.45×(0.35+0.40)/2 = 5.06	
					1×30.00×0.45×(0.40+0.45)/2 = 5.74	
					1×32.50×0.45×(0.45+0.35)/2 = 5.85	
					1×30.00×0.45×(0.35+0.30)/2 = 4.39	
					1×30.00×0.45×(0.30+0.40)/2 = 4.73	
					1×32.50×0.45×(0.40+0.35)/2 = 5.46	C&FC

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Valmiki nagar Main Road						
	R/S	1	30.00	0.45	$\frac{0.40+0.30}{2}$	= 4.73	
		1	30.00	0.45	$\frac{0.30+0.35}{2}$	= 4.39	
		1	30.00	0.45	$\frac{0.35+0.45}{2}$	= 5.40	
		1	18.80	0.45	$\frac{0.45+0.40}{2}$	= 3.60	
	L/S	1	30.00	0.45	$\frac{0.40+0.30}{2}$	= 4.73	
		1	30.00	0.45	$\frac{0.30+0.45}{2}$	= 5.06	
		1	30.00	0.45	$\frac{0.45+0.40}{2}$	= 5.74	
		1	18.80	0.45	$\frac{0.40+0.40}{2}$	= 3.38	
	Cross Road R/S	1	30.00	0.45	$\frac{0.40+0.30}{2}$	= 4.73	
		1	30.00	0.45	$\frac{0.30+0.35}{2}$	= 4.39	

C&F

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191036

Reference to last Measurement 8

No. ..... From ..... To .....

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e of Contractor of nature of Agency.....

of commencement of work.....

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
	1	15.50	0.45	$\frac{0.35+0.45}{2}$ = 2.62		C&Fc
LS	1	30.00	0.45	$\frac{0.40+0.45}{2}$ = 5.74		
	1	30.00	0.45	$\frac{0.45+0.40}{2}$ = 5.74		
	1	15.50	0.45	$\frac{0.40+0.35}{2}$ = 2.62		
Interior Cross Road LS	1	30.00	0.45	$\frac{0.35+0.45}{2}$ = 5.40		
	1	30.00	0.45	$\frac{0.45+0.40}{2}$ = 5.74		
	1	12.20	0.45	$\frac{0.40+0.30}{2}$ = 1.92		
LS	1	30.00	0.45	$\frac{0.30+0.45}{2}$ = 5.06		C&Fc

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vinayaka Nagar Main Rd 45	1	30.00	0.45	$\frac{0.45+0.40}{2}$	5.74	
		1	12.20	0.45	$\frac{0.40+0.30}{2}$	1.92	
		1	30.00	0.60	$\frac{0.45+0.40}{2}$	7.65	
		1	30.00	0.60	$\frac{0.40+0.30}{2}$	6.30	
		1	30.00	0.60	$\frac{0.40+0.35}{2}$	6.75	
		1	25.20	0.60	$\frac{0.30+0.35}{2}$	4.91	
	RLS	1	30.00	0.60	$\frac{0.45+0.35}{2}$	7.20	
		1	30.00	0.60	$\frac{0.35+0.30}{2}$	5.85	
		1	30.00	0.60	$\frac{0.35+0.35}{2}$	6.30	

C&F

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191037

No. ..... From ..... To .....

e of work .....

e of Contractor of nature of Agency.....

of commencement of work.....

Reference to last Measurement 8	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			1 × 18.50	× 0.60	× $\frac{0.35+0.45}{2}$ = 4.44		
			1 × 30.00	× 0.60	× $\frac{0.45+0.40}{2}$ = 7.65		
			1 × 30.00	× 0.60	× $\frac{0.40+0.35}{2}$ = 6.75		
			1 × 30.00	× 0.60	× $\frac{0.40+0.30}{2}$ = 6.30		
			1 × 30.00	× 0.60	× $\frac{0.30+0.35}{2}$ = 5.85		
			1 × 18.50	× 0.60	× $\frac{0.35+0.45}{2}$ = 4.44		
	Seenappa Rotato Rajakaluve		1 × 30.00	× 0.60	× $\frac{0.45+0.40}{2}$ = 7.65		
			1 × 30.00	× 0.60	× $\frac{0.40+0.30}{2}$ = 6.30		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	0.60	$\frac{0.30+0.45}{2}$	6.75	
		1	29.80	0.60	$\frac{0.45+0.40}{2}$	7.60	
	Length layer RS Main Road	1	30.00	0.60	$\frac{0.40+0.40}{2}$	7.20	C&FC
		1	29.80	0.60	$\frac{0.40+0.30}{2}$	6.26	
	LS	2	30.00	0.60	$\frac{0.30+0.35}{2}$	5.85	
		1	29.80	0.60	$\frac{0.35+0.40}{2}$	6.71	
	Structures RS	1	30.00	0.45	$\frac{0.40+0.35}{2}$	5.06	
		1	30.00	0.45	$\frac{0.35+0.30}{2}$	4.39	
		1	26.20	0.45	$\frac{0.30+0.20}{2}$	4.13	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191033

Reference to last Measurement 8

No. ..... From ..... To .....

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of commencement of work .....

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
C/S	1	30.00	0.45	$\frac{0.40+0.45}{2}$	= 5.74	C&FC 2
	1	30.00	0.45	$\frac{0.45+0.35}{2}$	= 5.06	
	1	26.20	0.45	$\frac{0.35+0.40}{2}$	= 4.42	
D/R Interior Cross Road R/S	1	30.00	0.45	$\frac{0.40+0.45}{2}$	= 5.74	
	1	30.00	0.45	$\frac{0.45+0.30}{2}$	= 5.06	
	1	18.50	0.45	$\frac{0.30+0.35}{2}$	= 2.71	
C/S	1	30.00	0.45	$\frac{0.35+0.45}{2}$	= 5.40	C&FC 2

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd crew load RS	1	30.00	0.45	$\frac{0.45+0.45}{2}$	6.08	
		1	18.50	0.45	$\frac{0.45+0.30}{2}$	3.12	
		1	30.00	0.45	$\frac{0.40+0.35}{2}$	5.06	
		1	30.00	0.45	$\frac{0.35+0.30}{2}$	4.39	
		1	30.00	0.45	$\frac{0.30+0.40}{2}$	4.73	
		1	22.25	0.45	$\frac{0.45+0.40}{2}$	4.00	
	RS	1	30.00	0.45	$\frac{0.40+0.30}{2}$	4.73	
		1	30.00	0.45	$\frac{0.30+0.35}{2}$	4.39	
		1	30.00	0.45	$\frac{0.35+0.40}{2}$	5.06	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 191039

Reference to last Measurement 8

al No. .....
ne of work ..... From ..... To .....
ne of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
	1	22.20	0.45	$\frac{0.40+0.45}{2}$	= 4.25	
Degree layat Mohr Road RLS	1	30.00	0.60	$\frac{0.40+0.35}{2}$	= 6.38	
	1	30.00	0.60	$\frac{0.35+0.40}{2}$	= 6.38	
	1	30.00	0.60	$\frac{0.40+0.30}{2}$	= 6.30	
	1	29.60	0.60	$\frac{0.30+0.35}{2}$	= 5.77	
RLS	1	30.00	0.60	$\frac{0.35+0.30}{2}$	= 5.85	
	1	30.00	0.60	$\frac{0.30+0.40}{2}$	= 6.30	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	IST Road R/S	1	30.01	0.60	$\frac{0.40+0.35}{2}$	6.75	
		1	29.60	0.60	$\frac{0.35+0.30}{2}$	5.77	
		1	30.00	0.45	$\frac{0.45+0.35}{2}$	5.40	
		1	30.00	0.45	$\frac{0.45+0.35}{2}$	5.40	
		1	30.00	0.45	$\frac{0.35+0.40}{2}$	5.06	
		1	10.70	0.45	$\frac{0.45+0.40}{2}$	2.05	
	L/S	1	30.00	0.45	$\frac{0.45+0.30}{2}$	5.06	
		1	30.00	0.45	$\frac{0.30+0.35}{2}$	4.39	
		1	30.00	0.45	$\frac{0.35+0.45}{2}$	5.40	

(BFC ?)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

191040

Reference to last Measurement 8

Measurement No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
2nd Cross R/S	1	25.70	0.45	(0.45+0.40)/2	4.92	
	1	30.00	0.60	(0.40+0.30)/2	6.30	
	1	30.00	0.60	(0.30+0.35)/2	5.85	
	1	30.00	0.60	(0.35+0.45)/2	7.20	
	1	25.60	0.60	(0.45+0.40)/2	6.53	
L/S	1	30.00	0.60	(0.40+0.30)/2	6.75	
	1	30.00	0.60	(0.35+0.40)/2	6.20	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	0.60	$\frac{0.40+0.40}{2}$	7.20	
		1	28.60	0.60	$\frac{0.40+0.30}{2}$	5.38	
	3rd Cross Rajhvedna Colony	1	30.00	0.45	$\frac{0.30+0.35}{2}$	4.39	
		1	30.00	0.45	$\frac{0.35+0.40}{2}$	5.06	
		1	28.90	0.45	$\frac{0.40+0.45}{2}$	5.53	
	R/S	1	30.00	0.45	$\frac{0.45+0.35}{2}$	5.40	
		1	30.00	0.45	$\frac{0.35+0.30}{2}$	4.39	
		1	28.90	0.45	$\frac{0.30+0.40}{2}$	4.55	
	4th Cross R/S	1	30.00	0.60	$\frac{0.35+0.40}{2}$	6.35	

(8 FC ?)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

191041

No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
	1	30.00	0.60	$\frac{0.40+0.45}{2}$ = 7.65		
	1	30.00	0.60	$\frac{0.45+0.35}{2}$ = 7.20		
	1	18.80	0.60	$\frac{0.35+0.30}{2}$ = 3.67		
	1	30.00	0.60	$\frac{0.30+0.40}{2}$ = 6.30		
	1	30.00	0.60	$\frac{0.40+0.35}{2}$ = 6.75		
	1	30.00	0.60	$\frac{0.35+0.45}{2}$ = 7.20		
	1	18.80	0.60	$\frac{0.45+0.40}{2}$ = 4.39		
	1	30.00	0.45	$\frac{0.40+0.35}{2}$ = 5.06		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	0.45	$\frac{0.35+0.45}{2}$	5.40	
		1	30.00	0.45	$\frac{0.45+0.40}{2}$	5.74	
		1	18.50	0.45	$\frac{0.40+0.30}{2}$	2.44	
		1	30.00	0.45	$\frac{0.30+0.45}{2}$	5.06	
		1	30.00	0.45	$\frac{0.45+0.35}{2}$	5.40	
		1	30.00	0.45	$\frac{0.35+0.30}{2}$	4.39	
		1	18.50	0.45	$\frac{0.30+0.45}{2}$	2.62	
		1	30.00	0.60	$\frac{0.45+0.40}{2}$	7.65	
		1	30.00	0.60	$\frac{0.40+0.35}{2}$	6.76	

Carried Forward

Raghwendra Colony Mig
Rocal RS

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191042

No. ..... From ..... To .....

of work .....

of Contractor of nature of Agency.....

of commencement of work.....

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
C/S	1	30.00	0.60	0.35+0.45/2	7.20	
	1	30.00	0.60	0.45+0.30/2	= 6.30	
	1	22.50	0.60	0.30+0.40/2	4.73	
	1	30.00	0.60	0.40+0.45/2	7.65	
	1	30.00	0.60	0.45+0.35/2	= 7.20	
	1	30.00	0.60	0.35+0.25/2	5.40	
	1	30.00	0.60	0.25+0.40/2	= 5.85	
	1	29.90	0.60	0.40+0.45/2	= 7.62	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road	1	30.00	0.60	$\frac{0.30+0.45}{2}$	6.75	
		1	32.80	0.60	$\frac{0.45+0.40}{2}$	8.56	
				TOTAL QTY		838.13 Cu	
				Minus 5%		836.33 Cu	
				Say 120.00		Rs 100360.00	

2) Earthwork in surface excavation in ordinary soil for leveling & lowering the ground Manually (other than Foundation of building culverts road works & trenches of pipe line & Cables) & removing the excavated stuff to a distance not exceeding 50m & lift up to 1.5m. excavated surface levelled & neatly dressed, dispersed earth to be leveled after breaking of clods

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191043

No. ..... From ..... To .....

8 of work .....

of Contractor of nature of Agency.....

f commencement of work.....

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
etc. complete as per specification. Born electrified KVP Meyer 2nd Stage.						
	15	7.50	1.95	0.45	98.79	
	16	8.50	1.80	0.40	97.92	
	15	5.00	1.50	0.45	50.63	
	18	8.00	1.80	0.35	90.72	
cross Road	22	5.00	1.80	0.35	69.30	
	22	6.50	1.50	0.45	96.53	
Teacher's Layout	16	5.50	1.50	0.35	46.20	
	12	8.00	1.80	0.45	77.76	
	10	10.20	1.20	0.40	48.96	
cross Road	16	9.00	1.50	0.45	97.20	
	15	6.50	1.80	0.45	78.98	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refere to la Measur
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Srinidhi layout						
		19	5.00	1.50	0.40	57.00	
	cross road —	12	9.00	1.20	0.45	58.32	
		15	6.00	1.80	0.40	64.80	
		18	5.00	1.50	0.35	47.25	
		12	8.00	1.90	0.45	82.08	
		13	4.50	1.50	0.45	39.49	
		15	8.00	1.50	0.45	81.00	
	Raghvendra colony	13	6.00	1.50	0.35	40.95	
		10	5.00	1.20	0.45	27.00	
		8	6.00	1.00	0.35	16.80	
	cross Road	12	8.00	1.80	0.45	77.76	
		12	5.00	1.80	0.35	37.80	
		10	5.00	1.50	0.40	30.00	
		12	3.80	1.80	0.45	36.69	
	Defence layout	12	6.00	1.95	0.45	63.18	
		10	8.00	1.80	0.40	57.60	
		12	5.50	1.50	0.45	49.36	

M. A. R. 57 (Rule 116)
Measurement Book
No. B
191044

IT – 5216
WCT – 20865
FSD – 26080
LWF – 5216
CSF – 522
Fine 1500

5216|3=00
59399=00
463214=00

From ..... To .....

Name of work .....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Full description, etc. of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
Cross Road	10	4.80	1.80	0.35	30.24	
	10	5.60	1.80	0.35	35.28	
	12	6.80	1.50	0.45	55.08	
	14	12.00	1.50	0.35	88.20	
	16	5.00	1.50	0.45	54.00	
	12	5.00	1.90	0.45	51.30	
Kanath layer	16	7.50	1.50	0.35	63.00	
	22	9.50	2.50	0.45	235.13	
	12	8.50	2.00	0.45	91.80	
	15	6.50	1.50	0.45	65.81	
Cross Road	12	4.50	1.50	0.35	28.35	
	10	7.80	2.50	0.45	87.75	
	12	8.40	3.00	0.35	105.84	
	16	5.50	2.50	0.40	88.00	
Valmiki Nagar	19	6.40	2.00	0.45	109.44	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
	Hosabahy Nayak	12	7.40	1.80	0.35	55.94
		18	8.20	1.20	0.35	61.99
		16	9.20	1.50	0.40	88.32
					To Pd	2118.37
					Limited to	2109.00 Mt
					Jy 95.00	Rs 2003
	3) Lead By Dy Postal of Debris shall be payble at Carriage Rate by Mechanical Means including loading & Unloading.					
					Qty vide Item No 1 & 2	
					Total Qty	2945.37
					Jy 75.00	Rs 220900
					Total	Rs 521615.00

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